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Micropower CMOS temperature sensor with digital output - > tudelit.nl (PDF)

A Bakker, JH Hujsing - Solid-State Circuits, IEEE Journal of, 1996 - iseexplore.isee.org

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current Average (3V. ... the range from -40 to +120°C. The circuit is working ...

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AG Kokkas - Electron Devices, IEEE Transactions on, 1974 - iseexplore.iees.org

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Integrated thermal-conductivity vacuum sensor

EH Klaassen, GTA Kovacs - Sensors & Actuators, A. Physical, 1997 - Elsevier

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Design of integrated thermal flow sensors using thermal sigma—delta modulation

HJ Verhoeven, JH Huijsing - Sensors & Actuators; A. Physical, 1996 - Eisevier

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AW Van Herwaarden, PM Sarro - SENSORS ACTUATORS,, 1986 - xensor,ril

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Thermal imaging system with integrated thermal chopper

CM Hanson, D Oudley, JE Robinson - US Patent 5,486,698, 1996 - freepatentsonline.com

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since the thermal chopper is integrated into focal plane array 14. ...

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Thermal analysis and design of a micro-hotplate for integrated gas-sensor applications

SKH Fung, Z Tang, PCH Chan, JKO Sin, PW Cheung - Sensors & Actuators: A. Physical, 1996 - Elsevier

... Inc. [91 S.KH, Fung and PCH Chnn. Thermal analysis of integrated gas sensor chip

using finite element rllethod, Proc. East Asia Conf Chemical Sensors, Fukuoka....

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B Xie. B Danielsson - Analytical Letters, 1996 - Informaworld.com

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JD Plopin - US Patent App. 10/464,482, 2003 - Google Patents

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E Yoon, KD Wise - Electron Devices, IEEE Transactions on, 1992 - leeexplore leee.org

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